




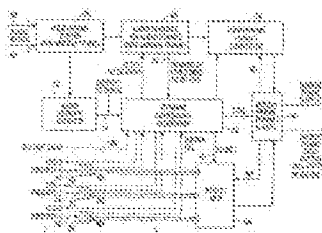


Method and apparatus for transmission and reception of compressed audio frames with prioritized messages for digital audio broadcasting**Publication number:** TW484265 (B)**Publication date:** 2002-04-21**Inventor(s):** KROEGER BRIAN WILLIAM [US]; MATTSON STEPHEN DOUGLAS [US]**Applicant(s):** IBIQUITY DIGITAL CORP [US]**Classification:****- international:** *G10L19/00; H03M13/15; H04B14/04; H04H20/46; H04H40/27; H04J3/00; G10L19/00; H03M13/00; H04B14/04; H04J3/00; (IPC1-7): H04H1/00***- European:** H04H20/30**Application number:** TW20000117080 20001017**Priority number(s):** US19990382716 19990824**Also published as:** WO0115358 (A2) WO0115358 (A3) US6721337 (B1) CA2383408 (A1) JP2003507960 (T)

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Abstract of TW 484265 (B)

A method for transmission of compressed data for a digital audio broadcasting system comprises the steps of producing digital information representative of an audio signal; estimating the number of bits to be allocated to the digital information in a modem frame; encoding the digital information within the estimated number of bits to produce encoded data; removing selected bits from the encoded data; adding bits corresponding to digital messages to the encoded information to form a composite modem frame; formatting the composite modem frame bits to produce formatted composite modem frame bits; and transmitting the formatted composite modem frame bits. The invention also encompasses transmitters that perform the method.

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